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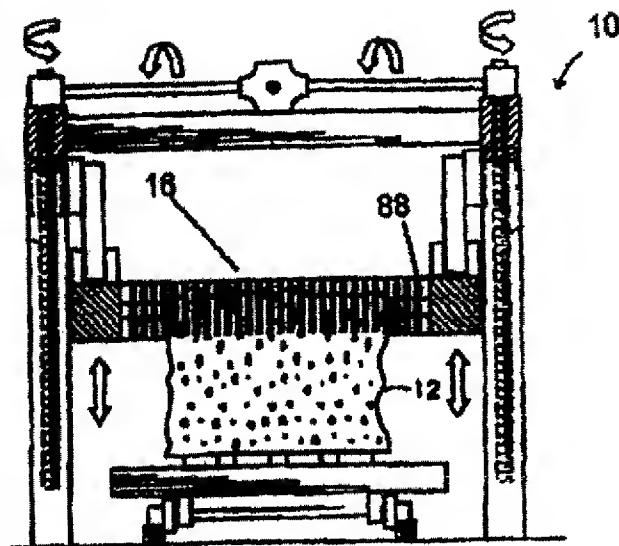
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(54) Title: **GRANITE SLABS CUT WITH FRAME SAW EMPLOYING BLADES WITH DIAMOND-CONTAINING  
SEGMENTS AND METHOD OF CUTTING THEREOF**



(57) Abstract: A graphite block cut into slabs  
by a sawing device comprising a plurality of  
generally parallel, spaced-apart blades with  
each of the blades having a plurality of cutting  
segments mounted thereon, each of the cutting  
segments comprising a continuous phase  
impregnated with a superabrasive material  
selected from one of natural diamond, synthetic  
diamond, cubic boron nitride, and combinations  
thereof; wherein each of the granite slabs as cut  
from the block has a surface roughness Ra of  
less than 500 &micro;m, and with thickness  
variation of 2 mm or less from a nominal slab  
target.



FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,  
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